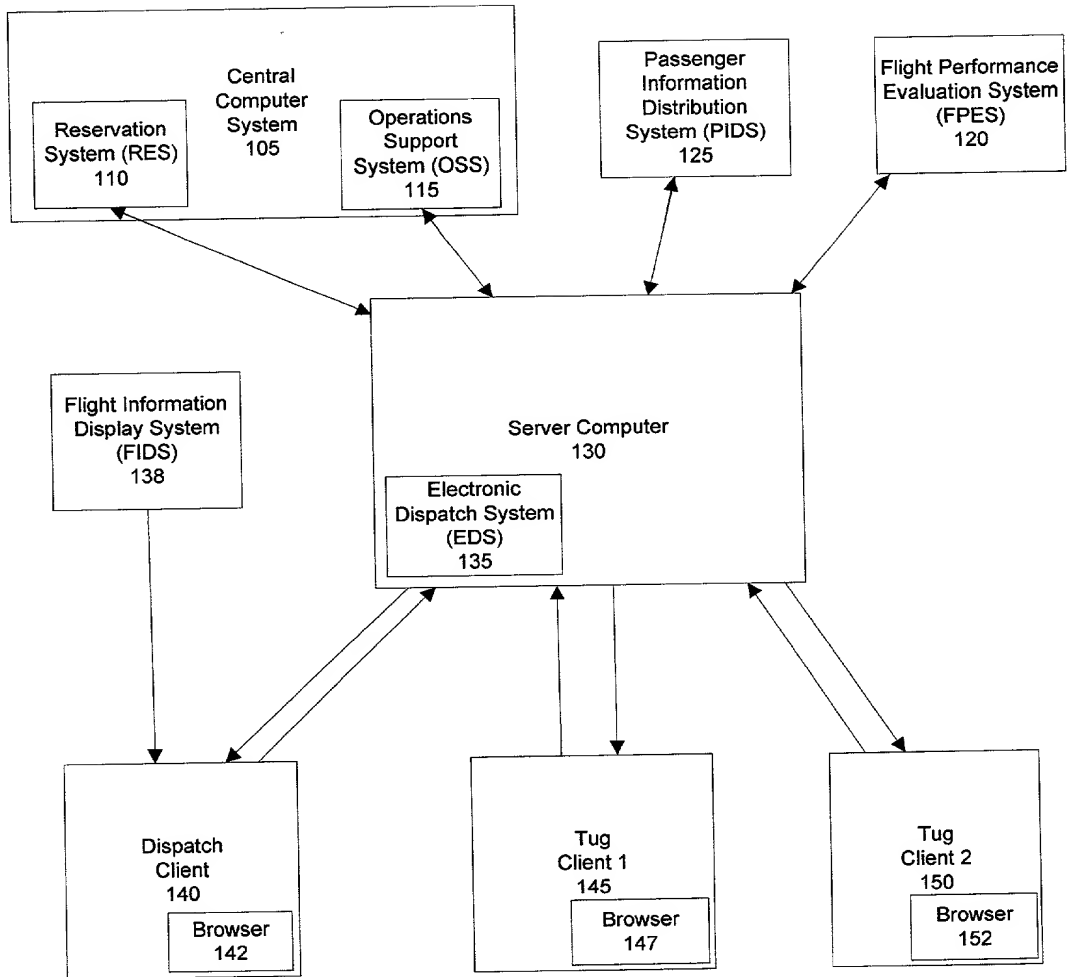


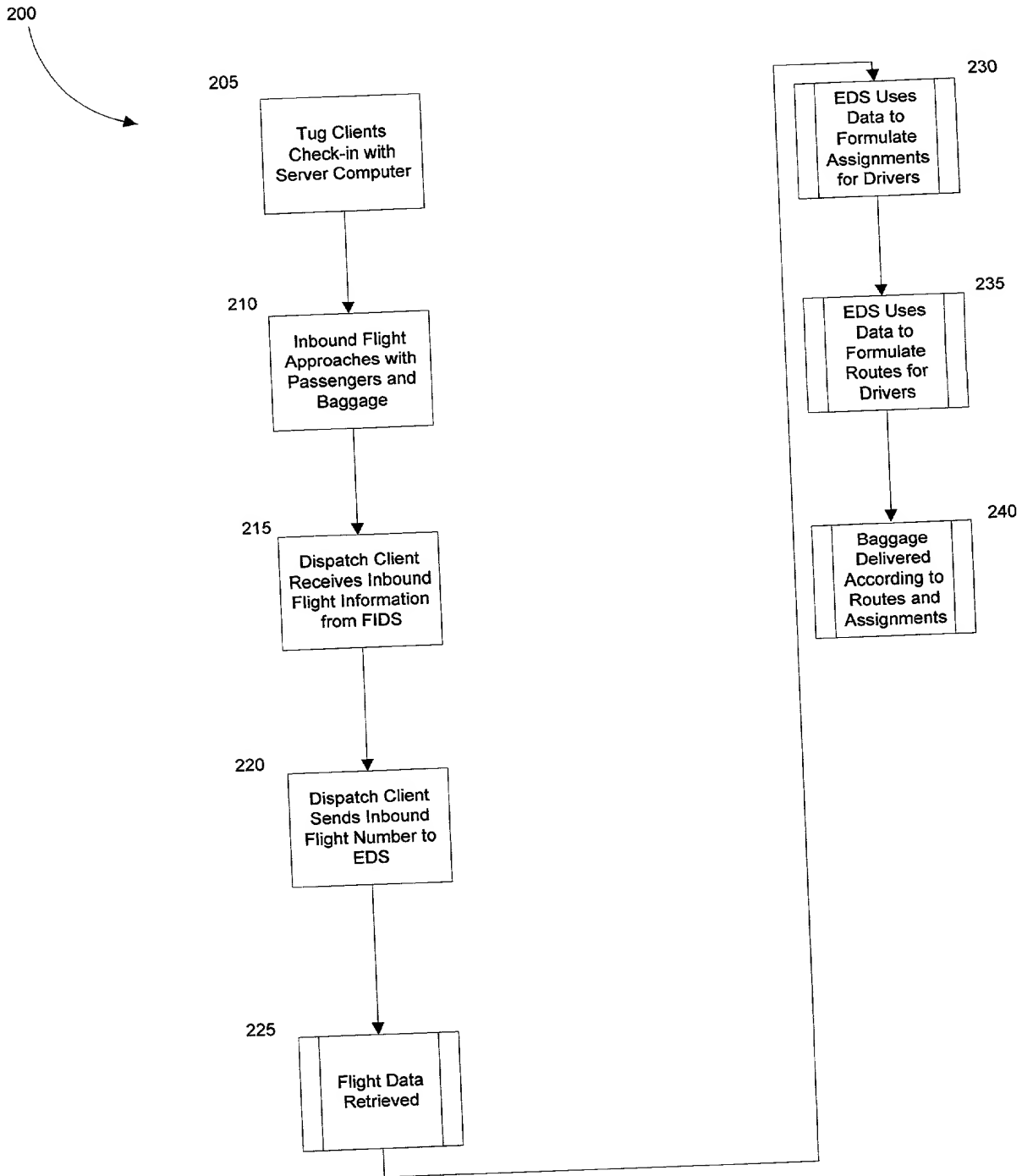
# ARCHITECTURE

100



**FIG. 1**

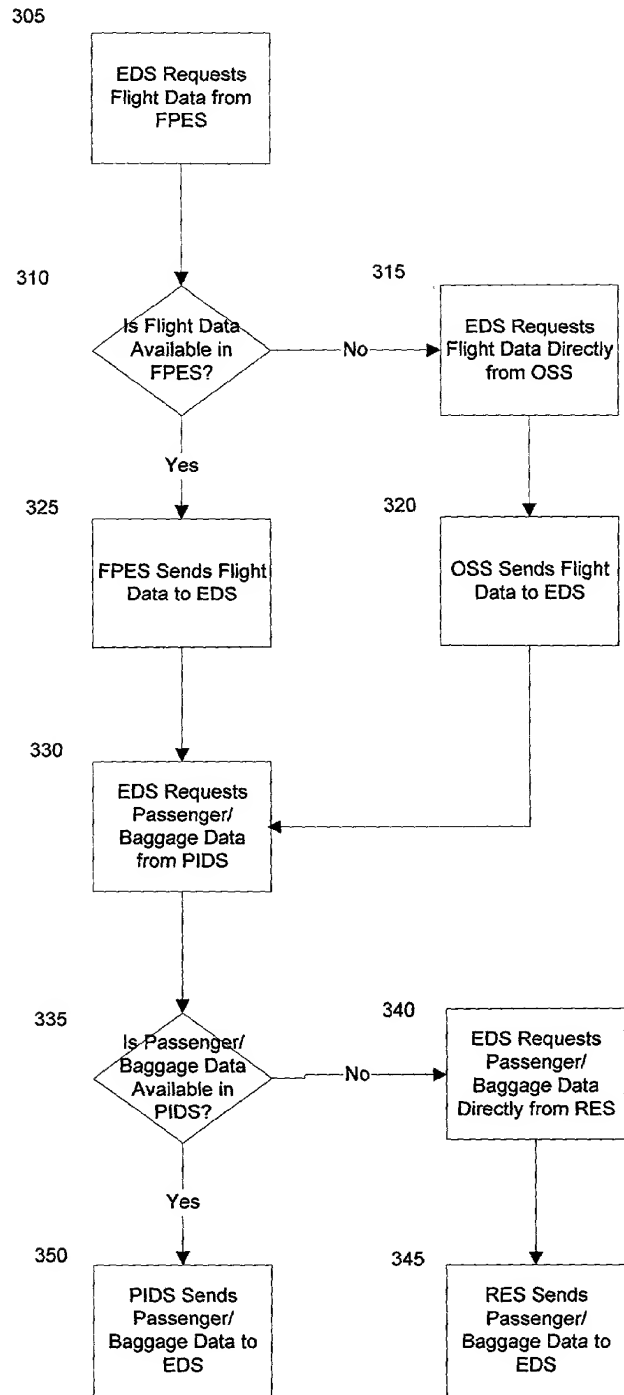
ELECTRONIC DISPATCH  
SYSTEM OVERVIEW



**FIG. 2**

# FLIGHT DATA RETRIEVAL

225



**FIG. 3**

# BAGGAGE DELIVERY ZONES

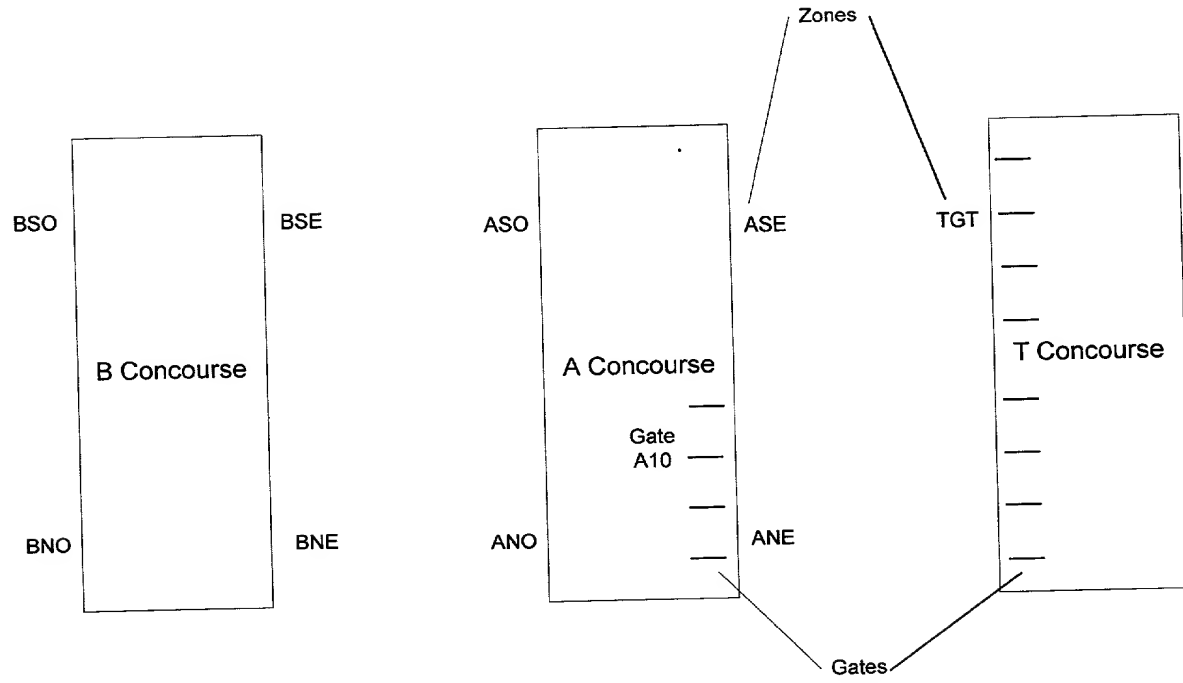
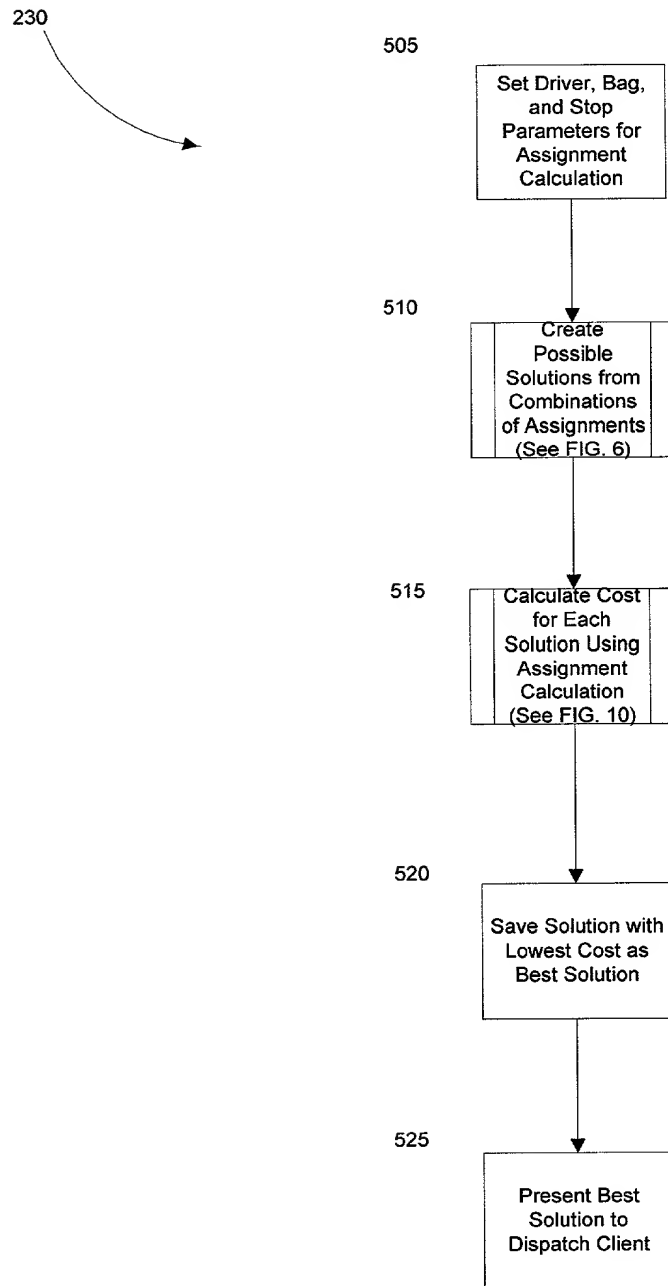


FIG. 4

# FORMULATE ASSIGNMENT SOLUTION



**FIG. 5**

Max bags = 30 Driver cost = 10000  
 Max stops = 10 Bag cost = 25  
 Target bags = 25 Stop cost = 150  
 Target stops = 6 Balance cost = 100  
 Pair cost = 700

TGT - 15 bags, 3 stops  
 ASE - 10 bags, 4 stops  
 ANE - 10 bags, 4 stops  
 ANO - 10 bags, 5 stops  
 ASO - 12 bags, 2 stops

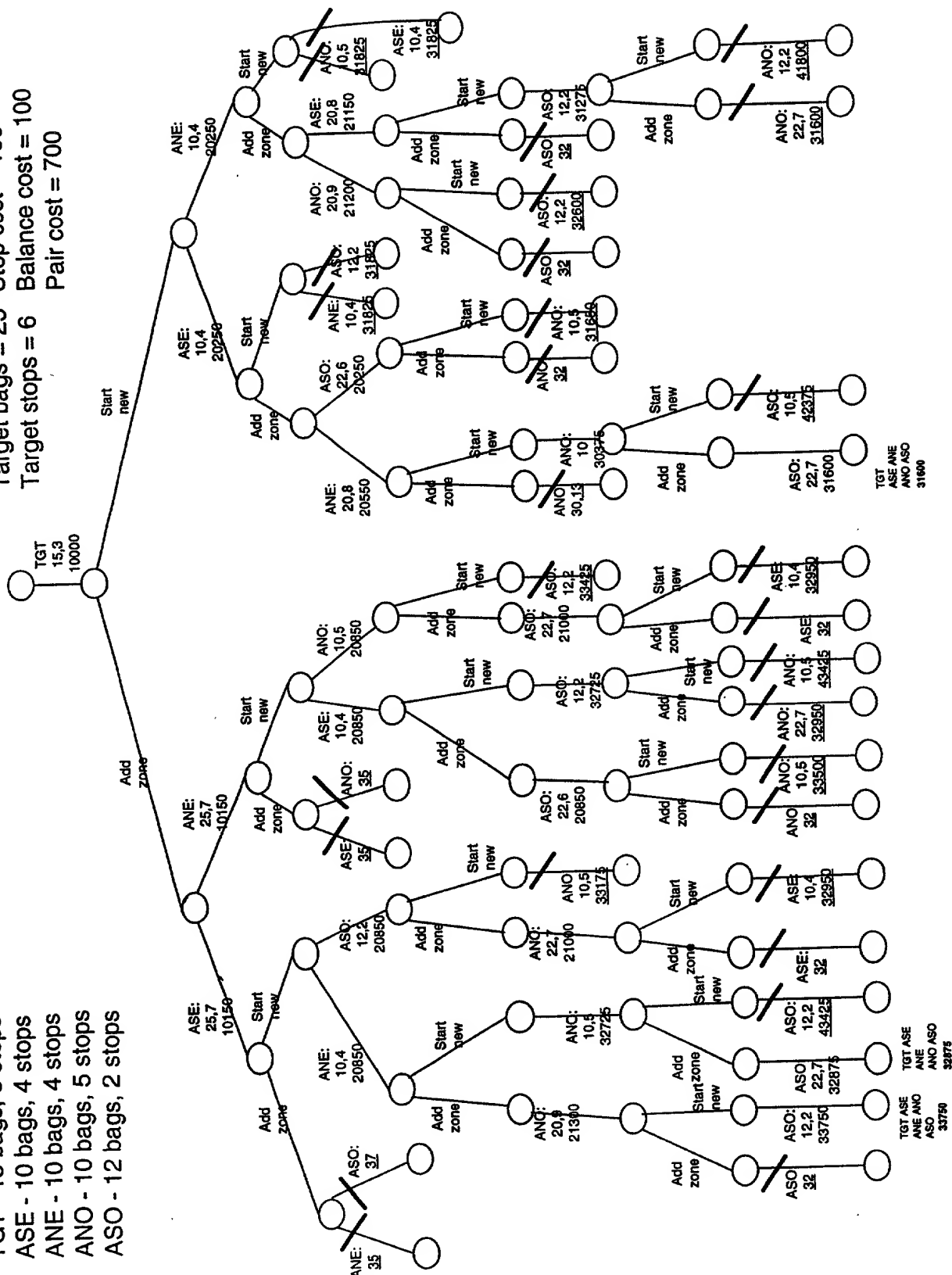


FIG. 6

# FORMULATE ROUTING SOLUTION

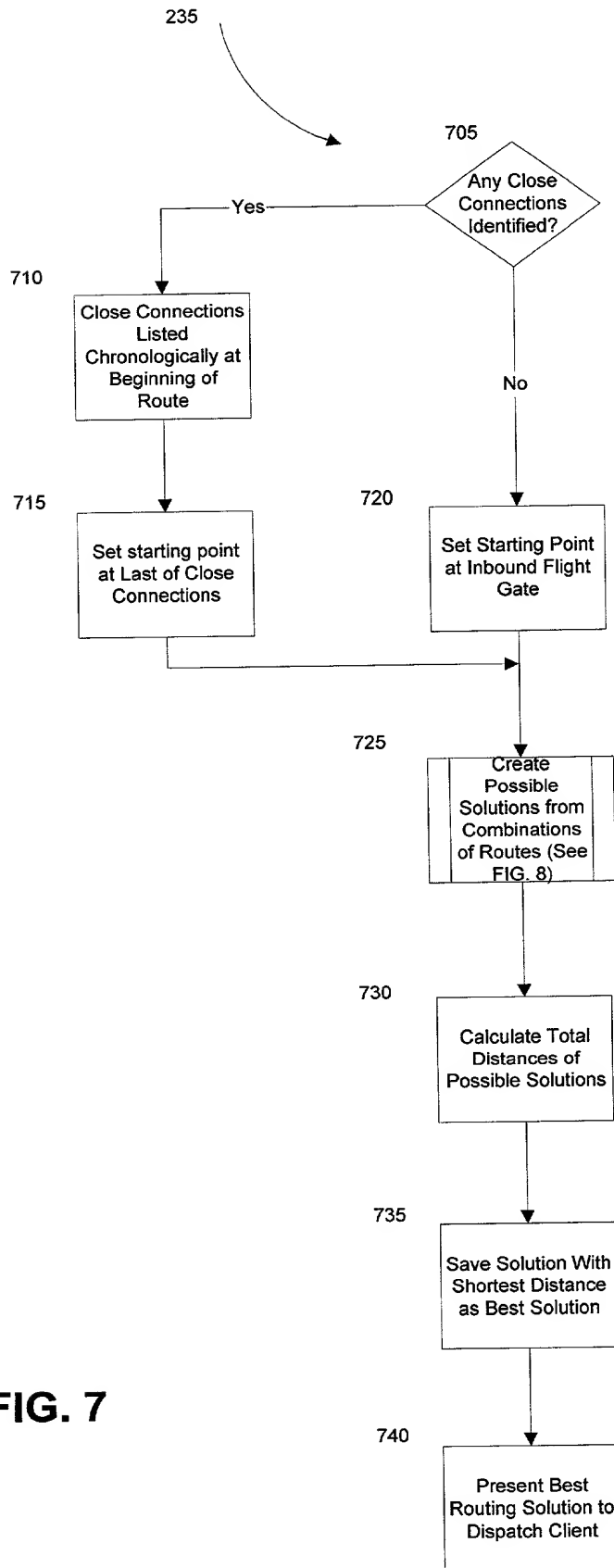
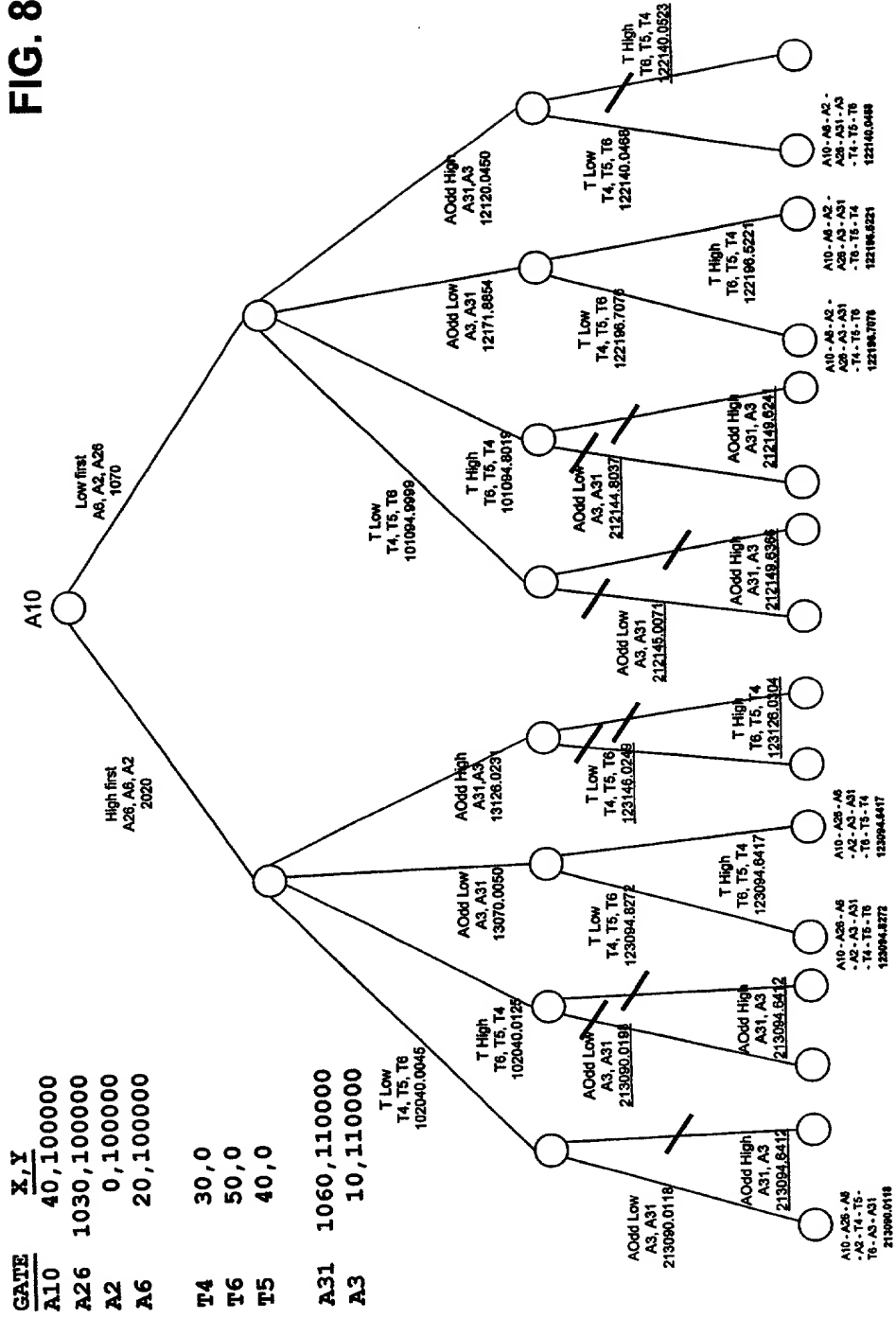


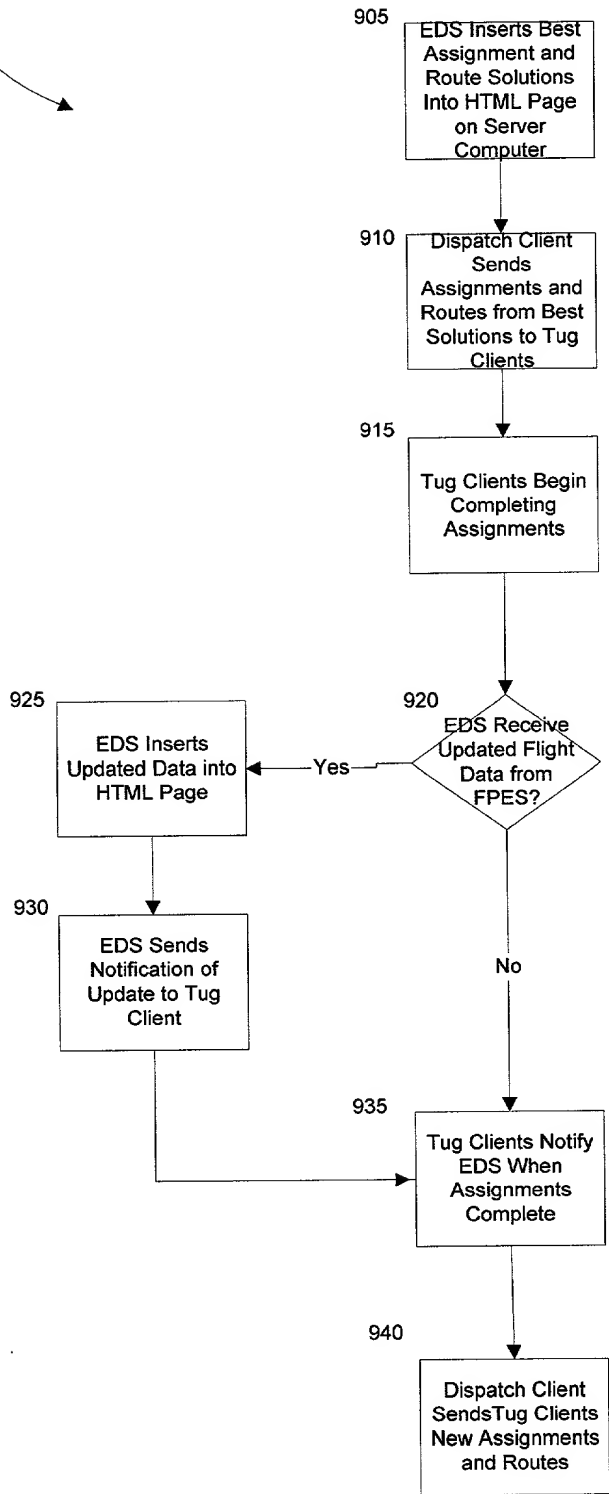
FIG. 7

FIG. 8



# BAGGAGE DELIVERY

240



**FIG. 9**

# ASSIGNMENT COST CALCULATION

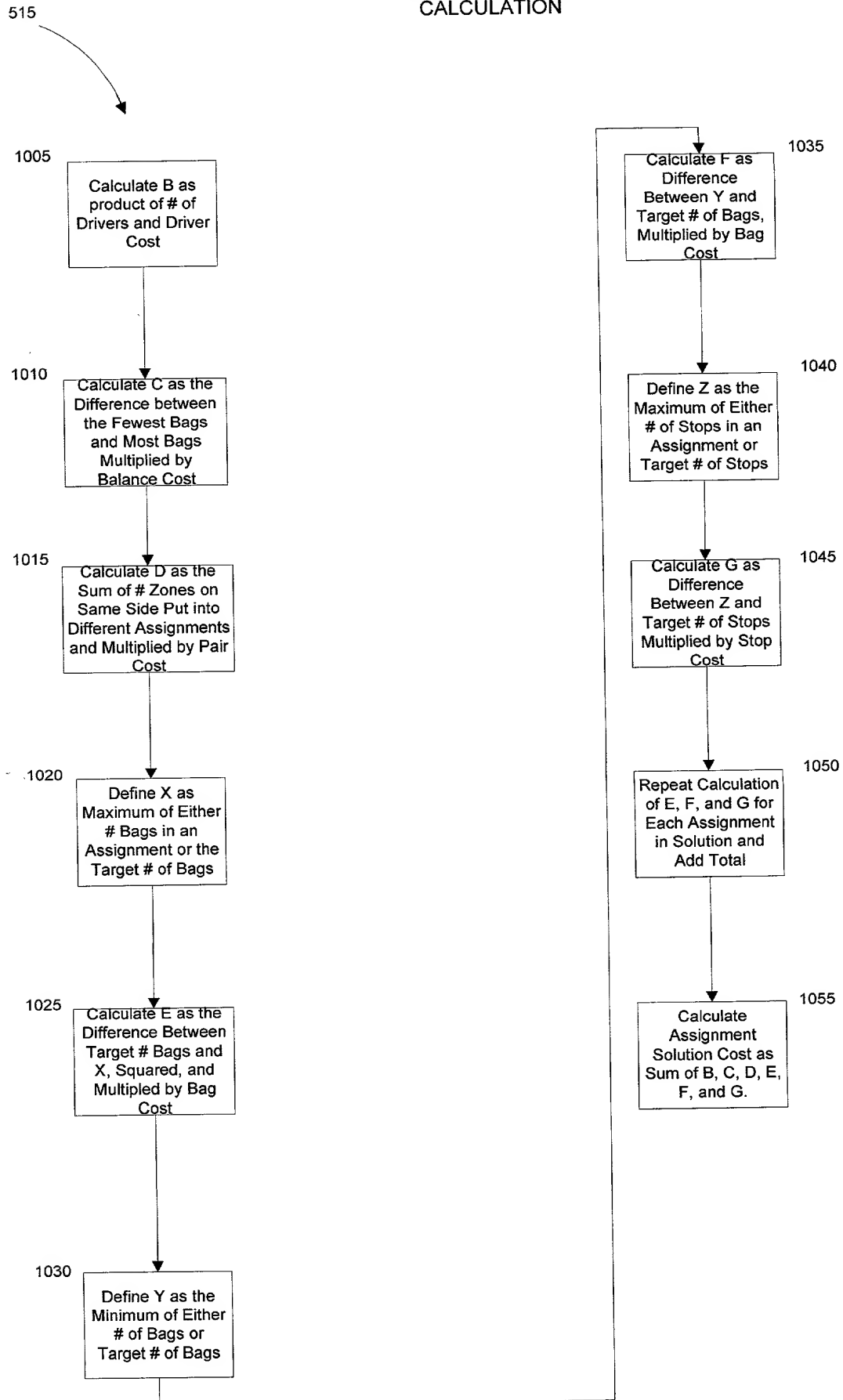


FIG. 10